

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A multimedia signal coding device comprising:
an audio signal coding unit that codes ~~means for coding~~ an input audio signal;
an audio data memory that temporarily stores ~~means for temporarily storing~~ a coded output of said audio signal coding unit ~~means~~;
an image signal coding unit that codes ~~means for coding~~ an input image signal while controlling an amount of output data according to an external control signal;
coded image data memory that temporarily stores ~~means for temporarily storing~~ a coded output of said image signal coding unit ~~means~~;
a control data processor that ~~processing means for performing a predetermined data processing processes predetermined data~~ for an input control data;
control data memory that stores ~~means for temporarily storing~~ an output of said control data processor ~~processing means~~;
a multiplexer that multiplexes ~~multiplexing means for multiplexing~~ the data stored in said audio data memory ~~means~~, said image data memory ~~means~~ and said control data memory ~~means~~;
and

an output code amount controller that generates control means for generating a control signal for controlling an amount of output data of said image signal coding unit means on the basis of the output data amount of said multiplexing means multiplexer through notification of and notifying the generated control signal to said image signal coding unit with said generated control signal means.

2. (Currently Amended) A multimedia signal coding device as claimed in claim 1, wherein said output code amount controller calculates control means includes calculation means for calculating a total amount of the data stored in said audio data memory means, said image data memory means and said control data memory means to obtain the a total amount of output data of said image signal coding unit means on the basis of the total amount of the data.

3. (Currently Amended) A multimedia signal coding device as claimed in claim 2, wherein said calculation means includes a determination that obtains determination means for obtaining a data transmission time by dividing the total amount of output data amount by a predetermined amount of data transmission per unit time of said multimedia coding device, and said output code amount controller determines determining the amount of output data of said image signal coding unit through comparison of means by comparing the transmission time with a requested transmission time requested for said multimedia signal coding device,

4. (Currently Amended) A multimedia signal coding device as claimed in claim 3, wherein said determination means includes means for comprises decreasing the amount of coded image signal data when the transmission time is longer than the requested transmission time and

increasing the amount of coded image signal data when the transmission time is shorter than the requested transmission time.

5. (Currently Amended) A multimedia signal coding device as claimed in claim 1, further comprising a multiplexed data memory that temporarily stores ~~means for temporarily storing~~ the output of said multiplexer ~~multiplexing means~~, wherein said output code amount controller obtains ~~control means includes means for obtaining~~ the amount of the output data of said image signal coding unit ~~means~~ on the basis of the amount of data stored in said multiplexed data memory ~~means~~.

6. (Currently Amended) A multimedia signal coding device as claimed in claim 5, wherein the output code amount controller obtains ~~wherein said means for obtaining the amount of output data includes determination means for obtaining~~ a data transmission time by division of the amount of data stored in said multiplexed data memory ~~means~~ by a predetermined data transmission amount of said multimedia coding signal device and determining ~~determines~~ the amount of output data of said image signal coding unit ~~means~~ by comparison of the ~~thus~~ obtained data transmission time with ~~the~~ a requested transmission time ~~requested for said multimedia signal coding device~~.

7. (Currently Amended) A multimedia signal coding device as claimed in claim 6, ~~wherein~~ wherein obtaining the data transmission time comprises ~~said determination means~~ ~~includes means~~ an adjustment unit for decreasing the amount of coded image data when the

transmission time is longer than the requested transmission time and increasing the amount of coded image data when the transmission time is shorter than the requested transmission time.

8. (Currently Amended) An output code amount control method ~~of~~ for a multimedia signal coding device, the method comprising:

~~for coding an audio signal;~~

~~coding an image signal;~~

~~coding a control signal;~~

~~multiplexing the audio, image and control signals to create multiplexed data; and signals of different kinds including an audio signal, an image signal and a control data, respectively, multiplexing the coded data and then~~

~~transmitting the multiplexed data, comprising the step of~~ through control of controlling
~~an amount of image data obtained by coding the image signal, correspondingly and through~~
comparison of said amount of image data obtained to data amounts predetermined coded data
comprising said coded audio and/or coded control signal(s) of respective kinds of codes before or
after the said multiplexing process.

9. (Currently Amended) An output code amount control method as claimed in claim 8, further comprising ~~the steps of:~~

~~obtaining a total amount of data of audio data obtained by coding the audio signal, image data obtained by coding the image signal and control data~~ obtained by coding the control signal
~~processed in a predetermined manner; and~~

obtaining a transmission time by ~~a division of~~ dividing the ~~thus-obtained~~ total amount of data data-amount by ~~with~~ a predetermined data amount per unit time of the multimedia coding device; and

controlling an amount of image data on the basis of a comparison of the transmission time with a requested transmission time ~~requested for the multimedia signal-coding device~~.

10. (Currently Amended) An output code amount control method as claimed in claim 9, wherein the ~~step~~ function of controlling the amount of coded image data comprises ~~the step of~~ decreasing the amount of coded image data when the transmission time is longer than the requested transmission time and increasing the amount of coded image data when the transmission time is shorter than the requested transmission time.

11. (Currently Amended) A computer readable recording medium with computer executable code recorded thereon for causing a computer to execute the method of claim 8 ~~having said output code amount control method as claimed in any of claims 8 to 10 recorded as a program for executing said output code amount control method by a computer~~.

12. (New) A computer readable recording medium with computer executable code recorded thereon for causing a computer to execute the method of claim 9.

13. (New) A computer readable recording medium with computer executable code recorded thereon for causing a computer to execute the method of claim 10.